



Quality Enhancement Cell

NWFP Agricultural University, Peshawar

Faculty Resume

Name	Prof. Dr. Ghulam Hassan																								
<i>Personal</i>	<p>Office Address: Department of Plant Breeding & Genetics, Khyber Pakhtunkhwa Agricultural University, Peshawar, Pakistan.</p> <p>Home Address: House No. 42-E, Police Housing Colony, Nasir Bagh Road, Peshawar.</p> <p>Phone Office: 091-9216447 Residence: 091-5710429 Mobile: 03219852936 Email: hassanpbq@yahoo.com</p>																								
	<table border="1"> <thead> <tr> <th colspan="2">Date</th> <th rowspan="2">Title</th> <th rowspan="2">INSTITUTION</th> </tr> <tr> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td>Dec. 2009 to date</td> <td></td> <td>Professor</td> <td>Agricultural University Peshawar, Pakistan</td> </tr> <tr> <td>Jan. 2009 to Dec. 2009</td> <td></td> <td>Associate Professor</td> <td>Agricultural University Peshawar, Pakistan</td> </tr> <tr> <td>March 1998 to Jan. 2009</td> <td></td> <td>Assistant Professor</td> <td>Agricultural University Peshawar, Pakistan</td> </tr> <tr> <td>May 1990 to March 1998</td> <td></td> <td>Lecturer</td> <td>Agricultural University Peshawar, Pakistan</td> </tr> </tbody> </table>			Date		Title	INSTITUTION	FROM	TO	Dec. 2009 to date		Professor	Agricultural University Peshawar, Pakistan	Jan. 2009 to Dec. 2009		Associate Professor	Agricultural University Peshawar, Pakistan	March 1998 to Jan. 2009		Assistant Professor	Agricultural University Peshawar, Pakistan	May 1990 to March 1998		Lecturer	Agricultural University Peshawar, Pakistan
Date		Title	INSTITUTION																						
FROM	TO																								
Dec. 2009 to date		Professor	Agricultural University Peshawar, Pakistan																						
Jan. 2009 to Dec. 2009		Associate Professor	Agricultural University Peshawar, Pakistan																						
March 1998 to Jan. 2009		Assistant Professor	Agricultural University Peshawar, Pakistan																						
May 1990 to March 1998		Lecturer	Agricultural University Peshawar, Pakistan																						
<i>Honor and Awards</i>	NIL																								

<i>Memberships</i>	<ul style="list-style-type: none"> • Crop Science Society of America (CSSA) • Agronomy Society of America (ASA) 																					
Graduate Students Postdocs Undergraduate Students <i>Honour Students</i>	<table border="1"> <thead> <tr> <th><u>YEAR</u></th> <th><u>DEGREE</u></th> <th><u>NAME</u></th> </tr> </thead> <tbody> <tr> <td>2001</td> <td>M.Sc (Hons)</td> <td>Muhammad Shah Zaman</td> </tr> <tr> <td>2004</td> <td>M.Sc (Hons)</td> <td>Muhammad Inam</td> </tr> <tr> <td>2010</td> <td>M.Sc (Hons)</td> <td>Mohammad Ishaq</td> </tr> <tr> <td>2010</td> <td>M.Sc (Hons)</td> <td>Sabra Begum</td> </tr> <tr> <td>2011</td> <td>M.Sc (Hons)</td> <td>Naheed Noor</td> </tr> <tr> <td>2011</td> <td>M.Sc (Hons)</td> <td>Wahida Sandal Khan</td> </tr> </tbody> </table>	<u>YEAR</u>	<u>DEGREE</u>	<u>NAME</u>	2001	M.Sc (Hons)	Muhammad Shah Zaman	2004	M.Sc (Hons)	Muhammad Inam	2010	M.Sc (Hons)	Mohammad Ishaq	2010	M.Sc (Hons)	Sabra Begum	2011	M.Sc (Hons)	Naheed Noor	2011	M.Sc (Hons)	Wahida Sandal Khan
<u>YEAR</u>	<u>DEGREE</u>	<u>NAME</u>																				
2001	M.Sc (Hons)	Muhammad Shah Zaman																				
2004	M.Sc (Hons)	Muhammad Inam																				
2010	M.Sc (Hons)	Mohammad Ishaq																				
2010	M.Sc (Hons)	Sabra Begum																				
2011	M.Sc (Hons)	Naheed Noor																				
2011	M.Sc (Hons)	Wahida Sandal Khan																				
Service Activity	<ol style="list-style-type: none"> 1. Teaching undergraduate, graduate and post-graduate courses. 2. Supervision of M.Sc (Hons) students for their research, analysis, thesis, etc. 3. Supervision of B.Sc (Hons) students for their internship research, data analysis, report write up, seminar, etc. 4. Supervision of Ph.D students for their research, dissertation, etc. 																					

Brief Statement of Research Interest	Wheat and Mungbean Breeding
Publications	<p style="text-align: center;">Total: 31 (6 Papers in Impact Factor Journals)</p> <p>A. Impact Factor Paper:</p> <ol style="list-style-type: none"> 1. Ghulam Hassan, A. Zipf, G.C. Sharma. 1999. Plant Regeneration from Mature <i>Avena</i> Tissue Explants. Cereal Research Communications, Vol. 27(1-2): 25-32 (Impact Factor =1.037) 2. Inamullah, H. Akbar, F. Mohammad, S. Din, Ghulam Hassan, and Rahmani Gul. 2006. Evaluation of the heterotic and heterobeltiotic potential of wheat genotypes for improved yield. Pak. J. Bot., 38(4): 1159-1167. (Impact Factor = 0.106) 3. Inamullah, H. Akbar, F. Mohammad, S. Din, Ghulam Hassan, and Rahmani Gul. 2006. Diallel analysis of the inheritance pattern of agronomic traits of bread wheat. Pak. J. Bot., 38(4): 1169-1175. (Impact Factor = 0.106) 4. Raziuddin, Z.A. Swati, J. Bakht, Farhatullah, N.U. Khan, M. Shafi, M. Akmal and G. Hassan. 2010. In situ assessment of morph-physiological responses of wheat genotypes to drought". Pak. J. Bot. 42(5): 3183-3195. (Impact Factor = 0.106) 5. Raziuddin, Farhatullah, Ghulam Hassan, M. Akmal, S. Salim Shah, Fida Mohammad, M. Shafi, Jehan Bakht and Weijun Zhou. 2011. Effects of Cadmium and Salinity on Growth and Photosynthesis Parameters of <i>Brassica</i> Species. Pak. J. Bot. 43(1): 333-340. (Impact Factor = 0.106) 6. Naushad Ali Turi, Raziuddin, Farhatullah, N.U. Khan, Ghulam Hassan, Jehan Bakht, Sajid Khan and M. Shafi. 2011. Combining ability for yield related traits in <i>Brassic Juncea</i>. Pak. J. Bot. 43(2): 1241-1248. (Impact Factor = 0.106) <p>B. Non Impact Factor Papers:</p> <ol style="list-style-type: none"> 7. Ghulam Hassan; Raziuddin; SH Siddiqui; H Rahman and M Fida. 1995. Heritability estimates of post harvest parameters in mungbean (<i>Vigna radiata</i> L.) Genotypes. Sarhad J. Agric. XI (4); 471-475. 8. Mohammad F., M.S. Swati, H. Rahman and Ghulam Hassan. 1995. Heritability Estimates of Flag Leaf Lamina Area and

	<p>Flag Leaf Sheath Length in an 8 x 8 Diallel of Wheat. Sarhad J. Agric. XI (5); 619-625.</p> <p>9. Mohammad F., M.S. Swati, Ghulam Hassan and A. Rafi. 1997. Heritability Estimates of Some Traits in Spring Wheat (<i>Triticum aestivum</i> L.). Sarhad J. Agric. XIII (1): 61-65.</p> <p>10. Rizwan A., H. Rahman, Ghulam Hassan, M. Ahmad and F. Muhammad. 1999. Screening of Maize Synthetics for Drought Tolerance. Pak. J. Pl. Sci., 5 (2): 121-132.</p> <p>11. Muhammad Shah Zaman; A Qureshi; Ghulam Hassan; Raziuddin; S Ali; A Kabir and N Gul. 2001. Meristem culture of potato (<i>Solanum tuberosum</i> L.) for production of virus-free plantlets. Online J of Biological Sci. 1(10): 898-899.</p> <p>12. Masood Jan, Farhatullah and Ghulam Hassan. 2005. Heterosis Estimates for Yield and Yield Components in Sunflower (<i>Helianthus annus</i>). Pakistan Journal of Biological Sciences. 8(4): 553-557.</p> <p>13. Masood Jan, Farhatullah, Raziudin and Ghulam Hassan. 2005. Combining Ability Analysis in Sunflower (<i>Helianthus annus</i> L.). Pakistan Journal of Biological Sciences. 8(5): 710-713.</p> <p>14. Masood Jan, Ghulam Hassan, Iftikhar Khalil and Raziuddin. 2005. Estimates of Heterosis and Heterobeltiosis for Morphological Traits in Wheat (<i>Triticum aestivum</i> L.). Pakistan Journal of Biological Sciences. 8(9): 1261-1264.</p> <p>15. Masood Jan, Farhatullah, Muhammad Tariq Jan, Ghulam Hassan and Raziuddin. 2005. Gene Action in the Expression of Achene Yield and Oil Content in Sunflower (<i>Helianthus annus</i> L.). Pakistan Journal of Biological Sciences. 8(11): 1517-1520.</p> <p>16. Masood Jan, Farhatullah, Ijaz Begum, Ghulam Hassan and Iftikhar Khalil. 2005. Magnitude of Heterosis for Achene Yield and Oil Content in Sunflower (<i>Helianthus annus</i> L.). Pakistan Journal of Biological Sciences. 8(11): 1557-1560.</p> <p>17. Ghulam Hassan, Fida Mohammad, Salim Shah and Masood Jan. 2005. Heterotic Effect for Grain Yield and Associated Traits in an eight-parent Diallel of Bread Wheat. Sarhad J. Agric. Vol. 21(4): 607-610.</p> <p>18. Ghulam Hassan, Fida Mohammad, Iftikhar Hussain Khalil and Raziuddin. 2006. Heterosis and Heterobeltiosis Studies for Morphological Traits in Bread Wheat. Sarhad J. Agric. Vol. 22(1): 51-54.</p>
--	---

19. **Ghulam Hassan**, Fida Mohammad, Iftikhar Khalil, Raziuddin and Masood Jan. 2006. Combining Ability Analysis through Diallel Crosses in Bread Wheat. *Sarhad J. Agric.* Vol. 22(3): 419-425.
20. Inamullah, Fida Mohammad, **Ghulam Hassan**, Siraj-ud-Din and Sultan Akbar. 2005. Genetics of important traits in bread wheat using diallel analysis. *Sarhad J. Agric.* Vol. 21(4): 617-622.
21. Ikramullah, Iftikhar Hussain Khalil, **Ghulam Hassan** and Bashir Ahmad. 2005. Genetic variability for salt tolerance in spring wheat. *Sarhad J. Agric.* Vol. 21(4): 623-628.
22. Inamullah, Fida Mohammad, Siraj-ud-Din, **Ghulam Hassan** and Sardar Ali. 2006. Combining Ability Analysis for Important Traits in Bread Wheat. 2006. *Sarhad J. Agric.* Vol. 22(1): 45-50.
23. Abdul Wahab Nassimi, Raziuddin, Sardar Ali, **Ghulam Hassan** and Naushad Ali. 2006. Combining Ability Analysis for Maturity and Other Traits in Rapeseed (*Brassica napus* L.). *Journal of Agronomy* 5(3): 523-526.
24. Masood Jan, **Ghulam Hassan**, Iftikhar Hussain and Raziuddin. 2006. Combining Ability Analysis of Yield and Yield Components in Sunflower. *Pakistan Journal of Biological Sciences* 9(12): 2328-2332.
25. Sardar Ali, Hidayat-ur-Rahman, Raziuddin, S. Salim Shah and **Ghulam Hassan**. 2006. Estimates of Variability and Genetic Advance for Fodder Traits in Two Maize Populations. *Pakistan Journal of Biological Sciences* 9(14): 2618-2623.
26. Hidayat Ullah, Iftikhar Hussain Khalil, **Ghulam Hassan**, Iltaf Ullah and Hidayat-ur-Rahman. 2006. Performance of local and exotic inbred lines of maize under agro-ecological conditions of Peshawar. *Sarhad J. Agric.* Vol. 22(3): 409-414.
27. **Ghulam Hassan**, Fida Mohammad, Salim Shah Afridi and Iftikhar H. Khalil. 2007. Combining ability in the F₁ generation of diallel cross for yield and yield components in wheat. *Wheat. Sarhad J. Agric.* Vol. 23(4): 937-942.
28. **Ghulam Hassan**, Fida Mohammad, Salim Shah Afridi and Iftikhar H. Khalil. 2007. Combining ability in the F₁ generation of diallel cross for yield and yield components in wheat. *Wheat. Sarhad J. of Agric.* Vol. 23(4): 937-942.
29. Iftikhar Hussain Khalil, Sultan Akbar Jadoon and **Ghulam Hassan**. 2008. Effect of Forage Clipping on Grain Yield and

	<p>Associated Traits on Winter Wheat in Northern Pakistan. Sarhad J. Agric. Vol. 24(3): 423-427.</p> <p>30. Ghulam Hassan, Fida Mohammad, Salim Shah Afridi and Iftikhar H. Khalil. 2007. Combining ability in the F₁ generation of diallel cross for yield and yield components in wheat. Wheat. Sarhad J. of Agric. Vol. 23(4): 937-942.</p> <p>31. Iftikhar Hussain Khalil, Sultan Akbar Jadoon and Ghulam Hassan. 2008. Effect of Forage Clipping on Grain Yield and Associated Traits on Winter Wheat in Northern Pakistan. Sarhad J. Agric. Vol. 24(3): 423-427.</p>
<i>Research Grants and Contracts.</i>	<p>Project No.: R&D/FAU/AGR (72) Project Title: Grain and Nutrient Production Potential of Maize-Bean Intercropping in Mountain Agriculture Total Cost: Rs 0.612 million (Rupees 612,265) Project Duration: 3-years (2003-2006) PI: Dr.Ghulam Hassan Funding Agency: Pakistan Science Foundation (PSF), Islamabad.</p>
<i>Other Research or Creative Accomplishments</i>	NIL
<i>Selected Professional Presentations</i>	NIL